

20000415.qrp v01_n792.qrl.20000415

Date: Sat, 15 Apr 2000 19:03:04 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1792

QRP-L Digest 1792

Topics covered in this issue include:

- 1) [67903] Wanted: qro ldg tuner
by M Goins <mgoins@usa.net>
- 2) [67904] Correction to EA-QRP contest dates.
by "Juan Jose Pastor Estornell" <juanjope@ctv.es>
- 3) [67905] Re: [HB] Question
by Rick McKee <kc8aon@juno.com>
- 4) [67906] HB: SMT newbie saga: It's ALIVE
by n5ib@juno.com
- 5) [67907] Re: DSW-40
by "Dan W. Dooley" <dandooley@pipeline.com>
- 6) [67908] FW:
by "Charles Mabbott" <crmabbott@mediaone.net>
- 7) [67909] CONTEST: mW Challenge
by n5ib@juno.com
- 8) [67910] Elmer 101 SW+ 40 Pi Network Question
by "Tom" <tmccullo@suffolk.lib.ny.us>
- 9) [67911] [RE] LZ2RS & K0EVZ - - Good Luck!
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 10) [67912] Island QS0?
by N10DL@aol.com
- 11) [67913] Milliwatt Contest
by Bob Kellogg <ae4ic@nr.infi.net>
- 12) [67914] Gotta tell...
by Rohn <rohn@pubrats.com>
- 13) [67915] Re: Ancient Telegraph Code
by Oscar A Hoyt <k5ubs@juno.com>
- 14) [67916] Re: Emtech NW-40 project started. (long)
by Scott Gregson - KC7MAS <emtech@steadynet.com>
- 15) [67917] Re: Elmer 101 SW+ 40 Pi Network Question
by Lew Paceley <lew@paceley.com>
- 16) [67918] Milliwatt- 2nd Leg (Friday)
by david gauding <nf0r@slacc.com>
- 17) [67919] Re: DSW-40 volume
by "Bruce Prior" <n7rr@hotmail.com>
- 18) [67920] Morse Code
by Nate Bushnell <nateb@ecentral.com>
- 19) [67921] Re: Elmer 101 SW+ 40 Pi Network Question

- by "Paul Harden, NA5N" <na5n@rt66.com>
- 20) [67922] Re: Ancient Telegraph Code / W5YI
by Wb8siw@aol.com
- 21) [67923] Re: Milliwatt Contest de AL7FS
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 22) [67924] Kent Keys web page
by "Marty Zeigler" <mzframes@midcoast.com>
- 23) [67925] Re: [Fwd: QTH location-RF Sponge]
by SKIPNC90@aol.com
- 24) [67926] Sincerest apologies !
by Rick McKee <kc8aon@juno.com>
- 25) [67927] Re: Ancient Telegraph Code / W5YI
by "Mike Yetsko" <myetsko@insydesw.com>
- 26) [67928] Applachian Trail QSO
by Sam Billingsley <SBillingsley@usaninc.com>
- 27) [67929] Morse Code
by Nate Bushnell <nateb@ecentral.com>
- 28) [67930] Winding Transformers of Ferrite Cores
by "William Phinizy" <k6whp@gte.net>
- 29) [67931] CONTEST: QRP Calendar - This Weekend
by Ken Newman <N2CQ@citnet.com>
- 30) [67932] Leg 1 mW score.
by Ed Loranger <we6w@qsl.net>
- 31) [67933] AT Alert - WV - The Rains Move In - Trip Canceled
by wd3p@juno.com
- 32) [67934] F.S. QRP Items
by Joseph Trombino Jr <joebarb@wilmington.net>
- 33) [67935] Re: [Fwd: QTH location-RF Sponge]
by Marty <N5NW@midsouth.rr.com>
- 34) [67936] Re: Kent Keys web page
by Marty <N5NW@midsouth.rr.com>
- 35) [67937] Re: AT Alert - WV - The Rains Move In - Not - 30 meter QRP OTA
by "Richard Clemens" <clemens@wvwc.edu>
- 36) [67938] Re: DSW-40 Volume
by KR0Y@aol.com
- 37) [67939] QRP tuner
by "Denis Sharon W1AOK" <W1AOK@worldnet.att.net>
- 38) [67940] Results: QRP ARCI Sp. QSO Party
by wa4dou@excite.com
- 39) [67941] Need inst. sheet /Norcal Paddles
by wa4dou@excite.com
- 40) [67942] Something simpler at the site
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 41) [67943] Re: Gotta tell...
by "M. Pender" <steam@megsinet.net>
- 42) [67944] Re: QRP tuner
by Michael Melland <badger@vbe.com>
- 43) [67945] Re: Sincerest apologies !

by "K7FD-N7SG" <cqdx@teleport.com>
44) [67946] Linda is Typical
by Roger J Wendell <zeekzilch@juno.com>
45) [67947] Re: Ancient Telegraph Code
by Ray Colbert <af852@rgfn.epcc.edu>
46) [67948] Re: Results: QRP ARCI Sp. QSO Party
by Ray Colbert <af852@rgfn.epcc.edu>
47) [67949] Re: AT Alert - WV - The Rains Move In - Not - 30 meter QRP OTA
by wd3p@juno.com
48) [67950] Re: Morse Code
by Lew Paceley <lew@paceley.com>
49) [67951] Re: Screen saver available
by "Randy Joiner" <biggman@accucomm.net>
50) [67952] PLEASE READ AND THINK ABOUT IT.
by Rick McKee <kc8aon@juno.com>
51) [67953] Re: AT Alert - WV - The Rains Move In - Not - 30 meter QRP OTA
by "Richard Clemens" <clemens@wvwc.edu>
52) [67954] Re: PLEASE READ AND THINK ABOUT IT.
by "Fred DeVries" <fred.devries@mindspring.com>
53) [67955] INFO: old callbook data
by "Dieter \ (Diz\) Gentzow WB8QYY" <wb8qyy@cinci.rr.com>
54) [67956] Re: Gotta tell...
by "Randy Joiner" <biggman@accucomm.net>
55) [67957] Just worked 4X1MK for Y2K DXCC/QRP
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
56) [67958] Re: DSW-40
by Mike <mmorrow@companet.net>
57) [67959] License
by "Hal Schlotfeld" <kc0bdw@worldspy.net>
58) [67960] Re: Towers and the NTA
by "Randall" <Firefox@Southwind.net>
59) [67961] Re: PLEASE READ AND THINK ABOUT IT.
by ac5ez@webtv.net (K1zw)
60) [67962] Re:NTA
by Ed Loranger <we6w@qsl.net>
61) [67963] Power measurement discrepancy
by "Steven Weber" <kd1jv@moose.ncia.net>
62) [67964] Milliwatt Contest
by CHARLES K BROWN <n4so@juno.com>
63) [67965] SMK-1: Kitting report, up to the minute info
by "Doug Hendricks" <ki6ds@hotmail.com>
64) [67966] Missing Posts or Cross-posting?
by wb2vuo@juno.com
65) [67967] SMK-1 Enclosure Kitting report: Countdown to ship!
by "George Heron N2APB" <n2apb@erols.com>
66) [67968] Re: License
by AdamN7YA@aol.com
67) [67969] WTB NC Sierra kit

by "Mark Hogan" <mhogan@email.msn.com>
68) [67970] New e-mailer
by Euramcom <mel@euramcom.freemove.co.uk>
69) [67971] Re: PLEASE READ AND THINK ABOUT IT.
by Wb8siw@aol.com
70) [67972] PSK31 announcement coming soon & WTB/T
by Joe Everhart <n2cx@voicenet.com>
71) [67973] Re: PLEASE READ AND THINK ABOUT IT.
by "James Johnson" <kc5jtz@eudoramail.com>
72) [67974] Ham books FS
by "Ken Simpson" <W8EK@fdt.net>

Date: 14 Apr 00 23:03:31 America/Fort_Wayne
From: M Goins <mgoins@usa.net>
To: qrp-1@Lehigh.EDU
Subject: [67903] Wanted: qro ldg tuner
Message-ID: <20000414230331.7892.qmail@awcst094.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Still looking for the bigger ldg tuner for a project. If anyone has one in the station that they aren't using let's talk cash or trade (I have an unopened, unbuilt qrp unit with factory case, an htx-100, etc.).
Thanks for the bandwidth. =

mike
wb5yjj

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Sat, 15 Apr 2000 01:15:47 +0200
From: "Juan Jose Pastor Estornell" <juanjope@ctv.es>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [67904] Correction to EA-QRP contest dates.
Message-ID: <001d01bfa668\$1d7ffd40\$8f8e19d4@juanjopectv>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Hi all,

If you plan to drop your tiny signals into the 20 meter period of our contest, please note that as usual the dates belong to the last year '99 and this year should read April 15 and 16 (the 3rd weekend in April) and not 16 and 17 (who would put the main part of a contest in a working Monday morning anyway?). Please read this lines or you will miss all those "peanut whistle" EA stations frenzy... GL es GD TEST es DX!

73, 72 de Juanjo, EC5ACA/QRP. EA-QRP #104, G-QRP #9742, QRP-L #1662.

Juanjo Pastor
C/San Roque, 4-1
46460 Silla
Valencia
ESPA A

Tel. +34 96 120 17 67
e-mail: ec5aca@qsl.net

Date: Fri, 14 Apr 2000 18:56:17 EDT
From: Rick McKee <kc8aon@juno.com>
To: hdeitz@ms.rose.cc.ok.us, qrp-l@Lehigh.EDU
Subject: [67905] Re: [HB] Question
Message-ID: <20000414.193703.4575.0.kc8aon@juno.com>

On Fri, 14 Apr 2000 16:33:59 -0500 "Deitz, Harold L."
<hdeitz@ms.rose.cc.ok.us> writes:
>The VE MUST make available any means that your friend needs to be able
>to
>copy the code. A flashing light is great, but THEY have to provide
>the
>means to make it work, not your friend. Don't tell me they cannot
>hook up a
>key to a light bulb and have someone send the code.

PROBLEM IS, HALF OF THEM PROBABLY HAVE NEVER SENT CODE !

73...Rick McKee KC8AON { CW lives as long as I do ! }
Willow Wood, Ohio "oo's"
AR QRP # 269 QRP-L # 2112 ZOMBIE # 718 FPqrp # 33

TriState BrassPounders # 1

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 14 Apr 2000 19:51:03 EDT

From: n5ib@juno.com

To: qrp-1@Lehigh.edu

Subject: [67906] HB: SMT newbie saga: It's ALIVE

Message-ID: <20000414.184947.4663.0.N5IB@juno.com>

Nice strong markers being heard on the GM-15 emanating from a VE3DNL marker generator built (mostly) SMT/manhattan style. The 4060, 27 pF cap, and trim cap are SMT. The crystal is a 1/8" by 3/8" cylindrical, but the 1 M resistor and .1 uF cap are small axial lead parts. Total cost about \$4 - the trim cap and xtal are about a buck each, and 75 cents for the 4060.

The board upon which the whole thing resides is slightly larger than a 33 cent stamp, but about 20% of the space is unused. I think I'll incorporate this one into the GM-15 when I box it up.

I'll put a picture on the web page when I get back to school Monday (but all of you must solemnly swear not to burst out in guffaws). Anyone who laughs will answer to the SOC Inquisition.

.....bring on the SMK-1 No Fear 72

Jim N5IB

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 14 Apr 2000 19:11:50 -0500

From: "Dan W. Dooley" <dandooley@pipeline.com>

To: <w2xn@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [67907] Re: DSW-40

Message-ID: <006601bfa66f\$3554e500\$05987b7b@CSS0048.bergenbrunswick.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Fred, there are a couple of things to consider. First, is the sensitivity of the phones. I've noticed that with different phones, the volume level is different.

Also, the signal levels coming through. That may sound too obvious. With no signal in, this radio sounds dead.

I have a DSW-40. I find that I can hear signals/noise pretty much to the bottom of the control. Strong signals can actually be read at minimum volume. Other times, band conditions will be somewhat quite and I do have to turn the volume up more. Rarely much more than half way though.

Also, wonder how supply voltage affects audio?

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandoooley@pipeline.com

May Goddes love blest ye alle
SOC#198

"Ancient Pistol, I do partly understand your meaning."

-----Original Message-----

From: w2xn@juno.com <w2xn@juno.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Friday, April 14, 2000 3:51 PM
Subject: DSW-40

>
>I borrowed a friends Small Wonder Labs DSW-40 to see what it was like.
>Terrific little rig! The features are aplenty, and it is easy to align
>(all of about 5 minutes to do) and easy to use. I am seriously thinking
>of getting the 20 meter version for myself but am wonding about one
>question.
>
>This is a question for other DSW rig owners. Is it normal for the volume
>to be all in the upper 3/4 of the turning radius of the volume control?
>I am not sure if it is normal, or if he did something wrong during
>construction. This is not a negative aspect, but I am just wondering.
>
>The sound is just about non-existent for the first 3/4 turning of the
>volume control, but when you get to the last 1/4 the volume increases

>quickly up to a satisfactory level for headphones.
>
>Thanks,
>
>fred w2xn

Date: Fri, 14 Apr 2000 20:29:24 -0400
From: "Charles Mabbott" <crmabbott@mediaone.net>
To: <qrp-1@Lehigh.EDU>
Subject: [67908] FW:
Message-ID: <000b01bfa671\$a6fa4cc0\$0201a8c0@mw.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

As volunteers, consider this, we are not prepared for every possibility. However if a person needs a special accommodation, and calls ahead of time it would be no problem at all. We have done that here in Ann Arbor, MI. and will continue.

All our testing sessions are by appointment to assure if people are taking the tests, VEs will always be present. If special needs are required, just let them know when you sign up and it is taken care of.

But just to assume that any VE session is prepared to meet any need all the time without planning ahead or you report them to the FCC is not realistic.

Chuck
AA8VS

-----Original Message-----
From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of Deitz, Harold L.
Sent: Friday, April 14, 2000 5:34 PM
To: Low Power Amateur Radio Discussion
Subject: RE: [HB] Question

The VE MUST make available any means that your friend needs to be able to copy the code. A flashing light is great, but THEY have to provide the means to make it work, not your friend. Don't tell me they cannot hook up a key to a light bulb and have someone send the code. That is ridiculous! If the guy needed a buzzer, they would have to provide it too. Turn them in to the FCC.

Hal

Date: Fri, 14 Apr 2000 20:49:37 EDT
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [67909] CONTEST: mW Challenge
Message-ID: <20000414.194827.7567.0.N5IB@juno.com>

Just found out that the TS430 will turn down to under a watt and be stable there. I put the scope on the dummy load and set the drive for 10 Vpp (250 Mw) and on a lark called NF0R (Yes gang, I switched over to the antenna!!) on 20 m.

Darned if we didn't QSO - 339's each way. He was 250 mW also

This mW stuff could be addictive, as if regular QRP is habit-forming enough.

72
Jim N5IB

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 14 Apr 2000 21:01:45 -0400
From: "Tom" <tmccullo@suffolk.lib.ny.us>
To: <qrp-1@lehigh.edu>
Subject: [67910] Elmer 101 SW+ 40 Pi Network Question
Message-ID: <004601bfa676\$2c892380\$b0178bd1@tmccullo>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-7"

Content-Transfer-Encoding: 7bit

Hi all,

I had sent this yesterday, but I'm not sure it made it to the list. If this is a re-post please forgive the waste of bandwidth.

This is to take you all up on your "there's no dumb questions" offer.

I finally finished the SW+ 40 kit using the Elmer 101 course listed here quite a while back. I'd have to say it was a great experience. In the past, I've stuffed a lot of boards to end up with rigs that worked just fine, but its been a whole different experience understanding virtually every section of this rig. So first I'd like to say thanks to all the guys who put so much effort into making the Elmer 101 project so meaningful to guys like me.

When I finished the rig I was only able to get about 1.75 watts out, this is measured by an OHR WM-1, I have no way of knowing if it's accurate or not. When I started looking at the voltages on my scope I came up with a question which I hope someone here can answer for me.

With a dummy load after the wattmeter I measured about 22 volts p-p at the antenna jack with the key down. My first question is, does this 22 volts equate to about 1.75 watts, thereby telling me that the WM-1 is fairly accurate?

More importantly though, I also took measurements from Q6 and at each capacitor/Inductor point to the antenna jack and found a steady and consistent decrease in voltage. Starting at the point where C37 and L3 are joined I measured 32 volts p-p; Then at the point where L3, C38 and L4 meet I found 27 volts and then finally after L4, where C39 is connected the reading to the antenna is the 22 volts I had mentioned earlier. Is it correct that I should be losing 5 volts with each C-L? I did notice that the scope showed a pretty "messy" signal before C37/L3 and by the time it reached the antenna jack it was very clean, that was pretty neat!

If anyone can shed any light on this decrease in signal. I'd appreciate it. If it's correct, I'm done if not I'll try whatever you suggest.

Once again thanks for your help, this has been a terrific learning experience.

Tom McCulloch
WB2QDG

Date: Fri, 14 Apr 2000 21:00:55 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:af5z@inetport.com" <af5z@inetport.com>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.edu>
Subject: [67911] [RE] LZ2RS & K0EVZ - - Good Luck!
Message-ID: <200004142103_MC2-A150-101F@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline

Bob:

Well gotta say it--bagged Rumi FB at 0407Z last evening (about 2307 Central Time). He had a terrific signal from his K2 and beam. I ended up using the K2 to my short TNT/2 Windom (40-10 Metre model). For some reason--maybe simply because it is higher at 51' than the big loop at 33'--the short windom had a louder signal on both ends. We had a nice 9-minute QSO and I went to sleepy time HAPPY. Finally got it done.

The OMNI C would have been a good choice, too, with its terrific receiver. But I wanted it to be K2 to K2.

Thanks for your wishes for Good Luck. Worked for us. BTW, I hope many of us will look for Rumi on or about 14060 from maybe 1530-1630. (He might have been on earlier, but I was working DX so fast that I couldn't get away to go up to 14060. It was really something when DX was calling *me* one right after another. Have never experienced this before, and it is a real kick. BTW, got an EK4 on 14033 last evening. Believe this was my first Armenia contact. Great night and the band was hopping.

72,

--Doc Lindsey/K0EVZ
DSBF
PO BOX 6028
Bismarck, ND 58506
(Shipping: DSBF, 2020 Lovett Ave, Bismarck, ND 58504)
K0EVZ@arrl.net

Date: Fri, 14 Apr 2000 21:07:31 EDT
From: N10DL@aol.com
To: qrp-l@lehigh.edu

Subject: [67912] Island QSO?
Message-ID: <ae.3bb615f.26291ad3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Am heading down to Marthas Vineyard for a long weekend tomorrow morning until Monday afternoon. Am bringing my Wilderness SST-20 & 40 meter rigs and the DSW-30. Will be on the air from about 4:30 PM Sat and Sun for about 1 hour to 1.5 hours. The antenna will be a Gusher 20-20 up in the attic.

I will be on around 14.058-60 and will try 30 meters (10.117) towards the end of the hour. Am hoping my ZM-2 will allow me to get on 30 and 40 meters. It has worked quite well for me so far.

Hope to hear some of the familiar calls on the list.

Aron

N10DL/qrp

Bedford, NH (MVY)

FISTS#4110 QRP-L#1326

Date: Fri, 14 Apr 2000 17:28:35 -0400
From: Bob Kellogg <ae4ic@nr.infi.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [67913] Milliwatt Contest
Message-ID: <38F78D83.705D918E@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Guys!

I've just received word that Brice Anderson, W9PNE, a QRP Hall of Famer, and an 80+ year old ham will be operating in the contest this weekend!

He said he had just repaired the sidetone on his Argonaut and would probably be running 50MW. He will sign W9PNE/C, so working him will be worth 5000 points!

His QTH is Illinois, so he should be workable from most of the US.

--

73,

Bob Kellogg, AE4IC, Greensboro, NC

Prolobly, not nececelery. - Benny Hill

Date: Fri, 14 Apr 2000 20:40:31 -0500 (CDT)
From: Rohn <rohn@pubrats.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [67914] Gotta tell...
Message-ID: <Pine.LNX.3.96.1000414203840.21436B-1000000@tavern.pubrats.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Peers have the best understanding...
Just got home... after passing the ADVANCED exam! :-)

Yay.
72's
Rohn N0RTX/AA

Date: Fri, 14 Apr 2000 20:38:02 -0500
From: Oscar A Hoyt <k5ubs@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [67915] Re: Ancient Telegraph Code
Message-ID: <20000414.203804.-74521.0.k5ubs@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

For more information on the code or codes see the book "The Victorian Internet" by Tom Standage. It was mentioned sometime back on qrp-l as suggested reading.

ALSO, see Dallas Morning News front page, 04-14-00, article on the demise of the Morse Code. Mentions Jim Haynie, pres of ARRL. (got his call wrong). Also talks about Fred Maia of W5YI vec fame, ham for 50 years. Can copy code in his head and thinks in code, likes the code also but wants to get rid of it. Fred says no reason for using the code manually when a computer will do. So why even bother taking any test, just go to an internet chat room..... The article was not too friendly to Morse code.
Its probably on the Dallas News web page if you want to read it.
Guess tradition doesnt mean anything....
Back to my hole

Oscar Hoyt, ham since '55, ARRL, QCWA, QRP-L 1733, NORCAL, SOC # 303

. 303

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 14 Apr 2000 18:51:39 -0700

From: Scott Gregson - KC7MAS <emtech@steadynet.com>

To: steam@megsinet.net, qrp-1 <qrp-1@lehigh.edu>

Subject: [67916] Re: Emtech NW-40 project started. (long)

Message-ID: <38F7CB2B.4EAE13CB@steadynet.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I have not looked to see if anyone else responded to your post, But I would VERY MUCH appreciate your listing the details of your experience. I would like to watch you go through the process and find all of the things that I can fix in the instructions. The instructions that we are sending out are the originals that my Dad sent out. I found a few things that did not make sense to me at first, and haven't had time to fix them. I think that his 50+ years as a HAM made him say thing in a way the older guys would understand, but not us younger HAMs. You are my motivation to make time to make the changes! My wife says that with my 8th harmonic (8th child) due any second now it is no wonder that I have no time.

I am sorry about the screws, the ones that you found in the kit were actually for the board or cabinet. The kit list says that you were to get 4 - 1/4" long screws for the cabinet, but I cannot find them in stainless panheads. There should have been 2 nickle plated panhead screws screwed into the capacitor that were the right length, I am sorry about that. We just went through all of our capacitors and made sure that they have the screws.

Anyway I will set up a filter in my email program to put your emails in a special folder so I can monitor your progress.

Thank you!

"M. Pender" wrote:

>

> Hi all.

>

> I guess I should start by mentioning that I'm pretty new to
> qrp and extremely new at kit building.
> After completing the OHR WM-2 qrp wattmeter first,
> then the Emtech ZM-2 qrp antenna tuner second, I figured
> my feet were wet enough to have a go at the Emtech
> NW-40 transceiver.
> I had a request (more like a dare) by John, N9UKX to post
> status reports here on the list as I assembled and tested
> this kit. If interest is shown, I'll continue to post updates as
> I progress. If this will just be repeating what has been
> posted here in the past, let me know and I'll just finish the
> rig without the posts. I'm quite sure that before the rig is
> complete, I'll run into some snags and need some guidance.
> Let me start by mentioning that Scott and Charity at Emtech
> are top notch to deal with. I'm sure that I'll be dealing with them
> again in the future, and I would highly recommend Emtech
> for QRP kits.
> On to the kit....
> I started by winding the toroids. On page one, the instructions
> say that on L1, there is a tap 4 turns from the starting point. The
> picture shows what looks like a tap after the fifth turn. This threw
> me until I saw the much better detail of this toroid on page
> seven. That one clearly shows the tap between the fourth and
> fifth wraps. Whew..... time to melt some solder.
> I installed the components for the VFO. All was fine till I got
> down to the last component. CV, a 33pf capacitor. I was out
> of parts. Hmmm. Well, it turns out that I had used the 33pf
> cap in place of the 330 cap at C41. C41 says to look up the
> value on the bands table. On the bands table, C41 is listed
> simply as "330", so,,,,,, OF COURSE I installed the cap marked
> 330 in C41, which left me short the 33pf cap (marked 330) for CV!!
> Reading ahead in the trouble shooting section, mention is made
> of the ambiguity of markings on the caps. 33pf is marked 330,
> 330pf is marked 331. This discrepancy is stated on page 2, and
> again in trouble shooting. I don't know why this wasn't simply stated
> right in the bands table to begin with to save confusion. Adding to
> the confusion was that the 330pf cap wasn't in the vfo bag, it was
> in the 40m band bag. A mention of this on page seven sure would
> have been helpful. I'll have to really make sure of the right cap
> markings from now on!!!
> Mounting of the main tuning Cap, C35, calls for 1/4" 4-40 screws.
> Well, only 3/8" ones were in the hardware bag, so I cut a couple
> from my junk drawer down to 1/4". Use of 3/8" here pushes the
> screw into the fins of the Cap. That's not good.
> On to testing the VFO circuit....
> I applied power with the 22 ohm resistor as a current limiter, placed
> the board next to the ZM-2 tuner which is hooked up to my Kenwood
> 440 hf rig and tuned between 4.8-5 mhz. (the listed tuning range for

> 40 meters.) Nothing. Hmmm. A little tweaking on the C36 trimmer
> brought it in to 4.925mhz. Close enough to center for now.
> Well, that's it for now. The keying circuit is next. I'm happy as can be
> so far. I've learned to take my time and really watch component
> values and markings!! Maybe I'm being over zealous being a
> new builder of kits, but that little circuit was a triumph for me!
> It'll be a while before I see a K2 on my bench. heehee
>
> 72... Mike, N9IV0
>
>
> <>< ><< ><< <>< ><< <>< <>< ><< <>< <>< ><
> Mike Pender Chicago N9IV0
> steam@corecomm.net <http://www.megsinet.com/~steam>
> ><< <>< <>< ><< <>< ><< ><< <>< ><< ><< <>

--
Scott Gregson - KC7MAS
emtech@steadynet.com
<http://emtech.steadynet.com>
+++++
Scott Gregson Co. / Emtech / CFC
1127 Poindexter Ave W
Bremerton, WA 98312

Date: Fri, 14 Apr 2000 21:28:27 -0500
From: Lew Paceley <lew@paceley.com>
To: tmccullo@suffolk.lib.ny.us, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [67917] Re: Elmer 101 SW+ 40 Pi Network Question
Message-ID: <011201bfa682\$4e2e9c20\$0332a8c0@roland.swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-7"
Content-transfer-encoding: 7bit

Hi Tom,

My math says:

$22V_{pp}/2 = 11V \text{ Peak}; V_{rms} = .707 \times 11V_{peak} = 7.777V_{rms};$

$Power = V^2/R = 7.777^2/50\text{ohm} = 60.48/50 = 1.21 \text{ watts}.$

Two reasons why this might not match your "about 1.75 watts" on the OHR.
First is the accuracy of the OHR WM-1 which is rated 5% of full scale. On
the 10 watt scale, 5% equates to .5 watt which could mean your reading of

1.75 is approximately equal to $1.21 + .5$ and within spec. Another factor could be that the dummy load is less than 50 ohms due to the resistor value/tolerance. And of course, both factors could contribute simultaneously to the higher reading. If you check the resistance of the dummy load you should be able to identify the source of the difference in the calculated values vs. measured values.

Please double check my math as I had a beer before I read your mail and did the calculations :-)

72/73,

Lew
K5LEM

Date: Fri, 14 Apr 2000 21:39:47 -0500
From: david gauding <nf0r@slacc.com>
To: qrp-1@lehigh.edu
Subject: [67918] Milliwatt- 2nd Leg (Friday)
Message-ID: <4.3.1.0.20000414211952.00c2dae0@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Howdy,

Not much to show for four hours (on & off). 11 contacts total, all on 20CW. Stations worked north, south or east of St. Louis only (AL, VA, MI, MD, MA, PA, LA, NY, MD). Failed several times trying to work K7FD who was very solid here.

Ran 250 mW with a Corsair I to a St. Louis Quickie Vertical ground mounted over a set of 8 eighth-wave St. Louis Radials.

Couple of rag chews (only in QRP 'contests! <g>) including a pleasant exchange with AF3X/QRP in MD, not in contest and running a nice sounding DSW-20. Lowest power worked was N4ROA in VA, Dan at his usual 50 mW.

Both AB8DF and N5IB running 250 mW and doing very well indeed.

Heard several stations working W9PNE but could not hear Brice Anderson tonight. He is on the IL/IN border, I believe. Maybe tomorrow night on 40CW.

This real low power stuff is so darn addictive! <g>

Back on Saturday night, hopefully!

de Dave, NF0R nf0r@slacc.com

Date: Fri, 14 Apr 2000 19:58:34 PDT
From: "Bruce Prior" <n7rr@hotmail.com>
To: qrp-1@Lehigh.EDU, w2xn@juno.com
Subject: [67919] Re: DSW-40 volume
Message-ID: <20000415025834.35206.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hi Fred --

The DSW volume pot is actually an RF gain control just ahead of the bandpass filter, mixer, IF crystal filter, product detector and audio amplifier. The control pot uses a linear, rather than audio taper. The characteristic you described is also present in my DSW-40, in the sense that there is a very marked gain toward the end of the clockwise rotation. Dave Benson can give you a more authoritative answer, but I suspect that the design, in the absence of a conventional AGC, allows you to back off more effectively for very strong stations. The receiver is quite hot, which is handy for pulling in weak stations. Right now I'm listening to a QSO between a very weak station and a moderately strong one. The weak station is Q5 only with the gain almost up to full, but when it's the stronger station's turn, I prefer to back off almost to the bottom to get it down to a comfortable volume. I like the rig so much that I've been haunting the mailbox, waiting for my DSW-80 kit to arrive. Did you see my earlier postings about a simple modification that allows you to receive the appropriate sideband for SSB reception for the DSW rigs? This mod allows you to take advantage of the fact that the DSW rigs cover the whole band, and then some. Have fun!

72, Bruce Prior N7RR in Blaine, WA

.
>This is a question for other DSW rig owners. Is it normal for the volume
>to be all in the upper 3/4 of the turning radius of the volume control?
>I am not sure if it is normal, or if he did something wrong during
>construction. This is not a negative aspect, but I am just wondering.
>The sound is just about non-existent for the first 3/4 turning of the
>volume control, but when you get to the last 1/4 the volume increases
>quickly up to a satisfactory level for headphones.Thanks,fred w2xn

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Fri, 14 Apr 2000 21:14:22 -0600
From: Nate Bushnell <nateb@ecentral.com>
To: qrp-1@Lehigh.EDU
Subject: [67920] Morse Code
Message-ID: <103130301b51d8cace79b@[206.64.70.154]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The book "The Victorian Internet " is an excellent and interesting story of signal fires, semaphores and the Electric Telegraph of Sam'l. Morse. The telegraph grew faster than the Internet and was more widespread for over a century. The Internet evolved from the telegraph. Many protocols are still in use.

Morse code is binary and compatible. See Morse 2000 Outreach at website <www.uwec.edu> on use of Morse to communicate with folks who have disabilities. They find Morse is easy and quickly learned. Enjoy.

73 Nate

Date: Fri, 14 Apr 2000 21:32:48 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: Tom <tmccullo@suffolk.lib.ny.us>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [67921] Re: Elmer 101 SW+ 40 Pi Network Question
Message-ID: <Pine.SUN.4.10.10004142048420.8811-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 14 Apr 2000, Tom wrote:

> I finally finished the SW+ 40 kit using the Elmer 101 course listed
> here quite a while back.

> When I finished the rig I was only able to get about 1.75 watts out,
> this is measured by an OHR WM-1,

> With a dummy load after the wattmeter I measured about 22 volts p-p at
> the antenna jack with the key down. My first question is, does this 22 volts
> equate to about 1.75 watts, thereby telling me that the WM-1 is fairly
> accurate?

To calculate output power from your scope reading, you must first convert peak-to-peak voltage to peak, then to rms. RMS is $.707V_{\text{peak}}$.

$$V_{\text{rms}} = .707(V_{\text{pp}}/2) = .707(22/2) = 7.8V_{\text{rms}}$$

Power is $P=IE$. But we don't know the current, only the resistance of your dummy load (50 ohms). Using ohms law, $I=E/R$. Substituting the equation for "I=" in the above gives you:

$$P = IE = E/R * E = E^2/R \quad \text{where } E^2 = E \text{ "squared"}$$

$$\text{So } P_{\text{rms}} = E_{\text{rms}}^2/R = 7.8V^2/50 \text{ ohms} = 60.8/50 = 1.2 \text{ Watts}$$

This is a little low from what your wattmeter is showing, but this could be due to:

1. OHR Wattmeter in error (likely not that much)
2. Is your oscilloscope properly calibrated? Could your 22Vpp actually be maybe 25Vpp? 25Vpp would be 1.6W.
3. Does your scope have a sufficiently wide bandwidth to measure 7MHz properly? At least a 20MHz scope should be used if the peak-to-peak voltages are to be trusted at 7MHz.
4. Remember, your wattmeter is measuring the power of ALL frequencies it "sees" while you are measuring the voltage only of the DOMINANT 7MHz frequency. IN OTHER WORDS, with your scope, you are measuring ONLY the 7MHz power, while your OHR wattmeter is also integrating the power it sees in the 2nd and 3rd harmonics. That will ADD to the power of the 7MHz fundamental as measured from the scope.

> More importantly though, I also took measurements from Q6 and at each
> capacitor/Inductor point to the antenna jack and found a steady and
> consistent decrease in voltage Starting at the point where C37 and L3 are
> joined I measured 32 volts p-p; Then at the point where L3, C38 and L4 meet
> I found 27 volts and then finally after L4, where C39 is connected the
> reading to the antenna is the 22 volts I had mentioned earlier. Is it
> correct that I should be losing 5 volts with each C-L? I did notice that
> the scope showed a pretty "messy" signal before C37/L3 and by the time it
> reached the antenna jack it was very clean, that was pretty neat!

This does seem a bit high, but not unusually out of line.
Let's figure out how much loss, in dB, you are seeing:

$$\text{Loss(dB)} = 20\log(V_{\text{out}}/V_{\text{in}})$$

Where V_{in} is the input voltage to the filter, V_{out} the output voltage.

So ... $V_{\text{out}}/V_{\text{in}} = 22V/32V = .688$ The log of .688 = -0.16
Now times 20, since we're working with voltage, not powers.

$$\text{Loss(dB)} = 20 \times -0.16 = -3.2\text{dB}$$

You are loosing 3dB in the output filter.

1-2dB insertion loss in an output filter is typical, so it *is* a bit more than I would think you should see, but not extraordinary. Remember, 1 S-unit is 6dB, so it equates to about 1/2 S unit on the other end!

A few things to check to improve your insertion loss.

1. Check the toroids. If I remember right, there are 16T on Dave's (NN1G) output filter inductors. Turns are counted by the number of times the wire passes through the INSIDE of the toroid.
2. Check the toroids for evenly spaced turns. Should look pretty with about a 30 degree gap at the bottom. And make sure you don't accidentally have any wires crossing over each other. The coil wire should not be touching another turn anywhere.
3. Old, leaky capacitors or cheapo dipped mica caps in the output filter can have a high dissipation factor, meaning some of the power is converted into heat rather than being squirted out the Antenna BNC!
4. Check for those nasty hairline, microscopic solder bridges that might be shorting something out on the solder side of the board.
5. Ensure you have the diodes in the T-R switch inserted properly (that is, the "banded" sides in the proper orientation).
6. This all assumes your dummy load is EXACTLY 50 ohms with no reactive components (inductance or capacitance). This is difficult to achieve, but it should be close to 50 ohms. This likely isn't a real problem with the insertion loss you are experiencing. But if you are using a pure resistance, that can be verified by measuring 50 ohms with a DVM.

> Once again thanks for your help, this has been a terrific learning
> experience.

Please share with us what you find. Others will find it valuable as well.

One last thought ... the drive power, and hence the output power, is adjusted by R24. Most everyone turns that puppy all the way up for maximum power. However, with some transistors that might have higher gains (hfe), you can generate higher harmonic powers at full drive. Watch the output on your scope AND the wattmeter at full drive. Then slowly turn down R24. If you have a lot of harmonic power, what you will see is the 22Vpp on the scope change very little while the power on the power meter will drop a bit. This is telling you your output power is staying the same, BUT the harmonic power is coming down which is GOOD and will make the FCC proud of you. Turn down R24 until you see a drop in the scope waveform (starts to drop below 22Vpp). Now calculate your power with the equations above and compare to the watt

meter readings. If it is CLOSER, then you have reduced your unwanted harmonic power. And that would be some of the cause of your higher power readings vs. the scope measurements.

GL and 72,
Paul NA5N

Date: Fri, 14 Apr 2000 23:46:01 EDT
From: Wb8siw@aol.com
To: k5ubs@juno.com, qrp-1@lehigh.edu
Subject: [67922] Re: Ancient Telegraph Code / W5YI
Message-ID: <6.49ed60e.26293ff9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Never thought much of W5YI and his organization anyway...this report just reinforces my opinion. 73, Jim WB8SIW

Also talks about Fred Maia of W5YI vec fame, ham for 50 years.
Can copy code in his head and thinks in code, likes the code also but wants to get rid of it. Fred says no reason for using the code manually when a computer will do.

Date: Fri, 14 Apr 2000 20:10:01 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: ae4ic@nr.infi.net, "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [67923] Re: Milliwatt Contest de AL7FS
Message-ID: <38F7EB99.94E147D6@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dear QRPpers,

I could have shot myself. I forgot the contest until the last 20-25 minutes. The earlier times are the best from up here so I just blew away the best day. I just walked away from the radio.

K1QM and a FL station were all I could hear strongly on 20 meters and

NQ6RP at 500 mw was probably workable.

Maybe tomorrow.

P.S. My daughter, Juliann (WL7MP) upgrades to General class tomorrow.
Neat!!

73, Jim, AL7FS

Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska <mailto:al7fs@pobox.alaska.net>
ICQ 11022915 QRP ARCI #6754 AK-QRP#3 SOC#3

Date: Sat, 15 Apr 2000 00:14:06 -0400
From: "Marty Zeigler" <mzframes@midcoast.com>
To: <qrp-1@Lehigh.EDU>
Subject: [67924] Kent Keys web page
Message-ID: <001401bfa691\$0b680b60\$8935190c@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi all, Does anyone know if the Kent keys folks have a web page? I'm in the market for a heavy/massive key and want to give them a look.

Thanks,

73,

Marty N1PGP

Date: Sat, 15 Apr 2000 03:22:06 EDT
From: SKIPNC90@aol.com
To: af389@lafn.org, qrp-1@lehigh.edu
Subject: [67925] Re: [Fwd: QTH location-RF Sponge]
Message-ID: <ab.22348c3.2629729e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 4/13/00 9:07:19 PM Central Daylight Time, af389@lafn.org writes:

<< > That's an interesting thought. The antennas are in various locations
> around the house. The 12.4db antenna is mounted above and clear of the

> house. The folded dipole is at roof level and away from the house by
> several feet. The cardioid null of the folded dipole is facing the house
> so that the radiation pattern is in the open.
>
> The folded dipole, 12.4db and 5.5db antennas have a clear view of the
> terrain.
>
> Relative to 2-meters, the propagation tests that were run a week ago
> indicate results similar to the 450 measurements - all poor.
>
> However, hitting a repeater from the "house" location is not an issue
> because all propagation appears to be strong in both directions. But
> placing the repeater at the "house" site is devastatingly poor in both
> directions.
>>
Hi All,

If I remember the original post there was a problem with coverage into the valley. The problem is not the coax it is the antennas. They are high gain verticals and their vertical beam width becomes very narrow as gain increases. In other words, the signals below the antennas will be weaker because they are out of the receive lobes of the antennas. That is why a simple 1/4 wave vertical of 1/2 wave vertical dipole will work better at receiving signals from the valley, they have a wider beam width.

This is how I came into possession of the 2 meter antenna I now own. My friend had it on top of a 70 foot tower and could not work local mobiles with it in the Chicago area. Repeater were no trouble for this 2 phased 1/2 wave but close in its performance was poor. I have it at 15 feet above ground and the close in mobile stations are in the beam width and I find it works as good as the 1/4 wave (at 25') it replaced.

I hope this might help.

73, Skip Davis NC90

Date: Fri, 14 Apr 2000 22:58:10 EDT
From: Rick McKee <kc8aon@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [67926] Sincerest apologies !
Message-ID: <20000415.065519.4575.0.kc8aon@juno.com>

OK - OK, The remark about half the VE's not being able to send code was a cheap shot and uncalled for - I'M DEEPLY SORRY ! But a lot of the folks that are griping and complaining about the loss of the 20 wpm code test never operate CW and in fact hate it. Just the other day on 40 meters, I overheard 3 "got it the old way" extras bellyaching and cussing about the new "Slow Code CB er's" that will be coming on the bands in the

near future. They also stated that the only reason they took the 20 wpm was to get the extra phone frequencies. This cussing went on for about an hour, so I thought I would make a few comments. When I got a chance, I ID'd in CW at about 15 wpm and guess what ? Not one of them could copy my call sign ! I did this 3 times and each time one of them would say something like "I think there was an N" or "I think I heard an O", but not one of them could copy enough code to catch my call sign (yes it was good code - sent by the computer via audio). So, I signed off in CW and sent "73" and one of them finally recognized the "73" - REAL SMART DUDE THAT GUY ! Point is, don't just complain about it - get in there and operate and quit being a hypocrite ! I don't understand why someone would complain about something that thy never bother to use anyway. I've said it before, instead of fussing at the newcomers and creating a hostile environment, why not "Elmer" them into being good operators ? We can't force CW or any mode for that matter on anyone. and if a person is not interested in CW, how does it benefit them to go 20 wpm ? If they don't like it - they wont use it ! If they do like it, the 20 wpm will come in time on it's own. After all, they still have to take 5 wpm, and you gotta crawl before you can walk ! Ya'll have a good day ! >>>FLAME SUIT ON !<<<

73...Rick McKee KC8AON { CW lives as long as I do ! }
Willow Wood,Ohio "oo's"
AR QRP # 269 QRP-L # 2112 ZOMBIE # 718 FPqrp # 33
TriState BrassPounders # 1

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 15 Apr 2000 07:22:39 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <Wb8siw@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [67927] Re: Ancient Telegraph Code / W5YI
Message-ID: <007c01bfa6cd\$0d299a40\$803bfea9@dads-hp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you mean NCI, I don't think Fred is at the helm anymore.

If you mean that Fred can be an obnoxious SOB who has

to be in the limelight of any room he's in and be 'the wheel', well, I've heard that opinion of him and after meeting him I can understand why some people feel that way. But if you mean just because of his stance on CW as a 'lid factor' for HAM radio, well, I applaud Fred, and I personally sent his organization a donation.

Mike

>Never thought much of W5YI and his organization anyway...this report just
>reinforces my opinion. 73, Jim WB8SIW

>

>-----

>Also talks about Fred Maia of W5YI vec fame, ham for 50 years.

>Can copy code in his head and thinks in code, likes the code also but

>wants to get rid of it. Fred says no reason for using the code manually

>when a computer will do.

>

>

Date: Sat, 15 Apr 2000 08:42:36 -0400

From: Sam Billingsley <SBillingsley@usaninc.com>

To: "_AAAA_NOGA_onlist (E-mail)" <nogaqrp@qth.net>, "klqrp_submit (E-mail)"
<klqrp@waterw.com>, "Qrpl_Submit (E-mail)" <qrp-1@Lehigh.EDU>

Subject: [67928] Applachian Trail QSO

Message-ID: <66FCE0D1DF76D311913800805F6D0FA39BE43E@mailserver1.usan.com>

MIME-Version: 1.0

Content-Type: text/plain

I just worked Ed WA3WSJ (PA - Appalachian Trail) 14.060 kHz at 1228utc
4/15. He's a good 579 in GA.

Sam Billingsley AE4GX Atlanta, GA

personal web page at <http://ae4gx.home.mindspring.com/>

North Georgia QRP Club web page at <http://www.qs1.net/nogaqrp/>

Date: Sat, 15 Apr 2000 07:08:50 -0600

From: Nate Bushnell <nateb@ecentral.com>
To: kc8aon@juno.com
Cc: qrp-l@Lehigh.EDU
Subject: [67929] Morse Code
Message-ID: <103130300b51e144f9bd4@[206.64.70.231]>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

According to one group of people Morse code seems to be alive and well. They find that it is easy and quickly learned. It is binary, compatible with computers and needs only computer code to use keyboard and mouse. It is used to communicate with people who have a variety of disabilities. See <www.uwec.edu> . "Morse 2000 Outreach". 160 years old and useful.

"The Victorian Internet " by Standage is a fine book on Morse and Vail and telegraphy and how they grew rapidly and evolved into the Internet.

"There are No Electrons" By Kenn Amdahl is a collection of fun metaphors which make electronics easier to comprehend. Sixth or seventh printing, it is that good.

73 Nate KD=D8UE GQRP #661, etc.

Date: Sat, 15 Apr 2000 06:15:03 -0700
From: "William Phinizy" <k6whp@gte.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [67930] Winding Transformers of Ferrite Cores
Message-ID: <000101bfa6dc\$9d64ad20\$c1ac173f@k6whp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Many of the projects around specify (suggest?) that transformers be wound on FT37-43s (or ferrite cores made of mix 43 material). I have a ton of ferrite cores made from -10 and -61 material and wonder if someone can suggest some resources that describe how to generally compute and wind transformers so that I can use these guys instead..

..thanks in advance.

Bill, k6whp

Date: Sat, 15 Apr 2000 09:04:54 -0400
From: Ken Newman <N2CQ@citnet.com>
To: QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [67931] CONTEST: QRP Calendar - This Weekend
Message-ID: <3.0.6.32.20000415090454.008dea50@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

~~~~~  
QRP CONTEST CALENDAR  
April 15-16 2000  
~~~~~

The TARA PSK31 Rumble (Digital) ... QRP Category

Apr 15 0000z to 2400z

Rules: <http://www.qsl.net/wm2u/rumble.html>
~~~~~

Estonian (ES) Open HF Championship (CW/SSB) (80 & 40) ...QRP Category

Apr 15 - 0500z to 0959z

Rules: <http://www.sk3bg.se/contest/esopen.htm>  
~~~~~

YU DX Contest (CW/SSB)

Apr 15 - 1200z to Apr 16 - 1200

Rules: <http://www.sk3bg.se/contest/yudx.htm>
~~~~~

Coast To Coast QSO Party (CW) (FISTS)

Apr 15 - 1300z to Apr 16 - 0500z

Rules: <http://www.qsl.net/k1fff/page7.html>

~~~~~  
European Sprint (Spring) (SSB)

Apr 15 - 1500z to 1959z

Rules: http://www.kkn.net/~i2uiy/EU_rul_DX.html

~~~~~  
Michigan QSO Party (CW/SSB) ...QRP Category

Apr 15 - 1600z to Apr 16 - 0400z

Rules: <http://www.qsl.net/mrrc/mqp.html>

~~~~~  
Holyland DX Contest (Israel) (CW/SSB)

Apr 15 -1800z to Apr 16 - 1800z

Rules: <http://www.sk3bg.se/contest/holyland.htm>

~~~~~  
EA QRP Contest (CW) ...QRP Contest!!

Apr 15 - 1700z to 2000z (20 Meters)

Apr 15 - 2000z to 2300z (80 Meters)

Apr 16 - 0700z to 1300z (40 Meters)

Rules: <http://www.arrl.org/contests/months/apr.html>

Note: Use above dates per EA4CM

~~~~~  
LATER.....

~~~~~  
SP DX RTTY Contest

Apr 22 - 1200z to Apr 23 - 1200z

Rules: <http://home.sol.no/~jana/me/htmlrules/spdxrtty.html>

~~~~~  
Low Power Spring Sprint (Slovak ARA) (CW) ...QRP Category

Apr 24 - 1400z to 2000z

Rules: <http://www.arrl.org/contests/months/apr.html>

~~~~~  
QRP To The Field (CW) ...QRP Contest!!

Apr 29 - 1500z - 2400z (Pick any 6 hours)

Rules:

<http://www.fix.net/~jparker/norcal/contest/qrpttf2000/qrpttfrules.html>

~~~~~  
Helvetia Contest (CW/SSB) (Swiss) ...QRP Category

Apr 29 - 1300z to Apr 30-1300z

Rules: <http://home.sol.no/~jana1me/htmlrules/h26.html>

~~~~~  
Florida QSO Party (CW/Phone) ...QRP Category

Apr 29 - 1600z to Apr30 - 0159z and

Apr 30 - 1200z to 2159z

Rules: <http://www.qsl.net/fqp/rules.htm>

~~~~~  
Nebraska QSO Party (CW/SSB)

Apr 29 - 1700z to Apr 30 - 1700z

Rules: <http://www.qsl.net/hdxa/neqso/neqso.htm>

~~~~~  
Ontario QSO Party (CW/SSB) ... QRP Category

Apr 29 - 1800z to Apr 30 - 1800x



-----  
Date: Sat, 15 Apr 2000 12:43:50 +0100  
From: wd3p@juno.com  
To: epaqrp-1@Lehigh.EDU, qrp-1@Lehigh.EDU  
Subject: [67933] AT Alert - WV - The Rains Move In - Trip Canceled  
Message-ID: <20000415.124355.-3688507.0.wd3p@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Hi Gang

Well the rains have moved in here, and from the radar web sites it looks likes the mountains are getting it as well in VA and it will be moving into the WV, MD, and PA mountains soon so sadly I've got to postpone the trip once again.

73 de Larry.....WD3P in MD

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Sat, 15 Apr 2000 09:45:19 -0400  
From: Joseph Trombino Jr <joebarb@wilmington.net>  
To: QRP-L@LEHIGH.EDU  
Subject: [67934] F.S. QRP Items  
Message-ID: <3.0.6.32.20000415094519.007a9430@wilmington.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Fellow QRP'ers:

Time to make some room in the shack so I have the following items for sale.  
All prices include shipping to the lower 48.

MFJ 259 HF/VHF Antenna Analyzer with pouch, excellent condition.       \$175

MFJ 219 UHF Antenna Analyzer, excellent condition.                       \$ 65

St. Louis Antenna Tuner kit, unbuilt                                       \$ 65

NC-20 NorCal version, 7 watts out, very stable, AGC and other mods,



10 turn pot, case unpainted. \$110

MFJ 422B Pacesetter keyer (the one that fits on top of the Bencher  
paddle), excellent condition. \$ 65

MFJ 401B Econo-Keyer, some scratches, works great. I have two of these  
for \$25 each.

72, Joe W2KJ (North Carolina)

I QRP, therefore I am

-----  
Date: Sat, 15 Apr 2000 08:48:34 -0500  
From: Marty <N5NW@midsouth.rr.com>  
To: qrp-1@lehigh.edu  
Subject: [67935] Re: [Fwd: QTH location-RF Sponge]  
Message-ID: <1fsgfs4969rbe9bvjj9rs8d1614ns0e5gm@4ax.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

On Sat, 15 Apr 2000 03:22:06 EDT, SKIPNC90@aol.com wrote:

> If I remember the original post there was a problem with coverage into=  
the  
>valley. The problem is not the coax it is the antennas. They are high =  
gain  
>verticals and their vertical beam width becomes very narrow as gain =  
increases.  
>In other words, the signals below the antennas will be weaker because=20  
>they are out of the receive lobes of the antennas. That is why a simple  
>1/4 wave vertical of 1/2 wave vertical dipole will work better at =  
receiving  
>signals from the valley, they have a wider beam width.=20  
> This is how I came into possession of the 2 meter antenna I now  
>own. My friend had it on top of a 70 foot tower an could not work local  
>mobiles with it in the Chicago area. Repeater were no trouble for this  
>2 phased 1/2 wave but close in its performance was poor. I have it at  
>15 feet above ground and the close in mobile stations are in the beam=20  
>width and I find it works as good as the 1/4 wave (at 25') it replaced.

If I recall correctly from my exam/studying days (back when I was =  
licenced in

the late 80's), Skip is exactly correct. Imagine a donut around the =  
quarter  
wave vertical. If the vertical is 5/8 wave, the donut is squashed  
(flattened), the circular area of the donut is enlarged, but the height =  
is  
lessened. Further reach, or, gain.

=46or those of us in the flatlands (with repeaters on towers at 1500 ft =  
if we're  
lucky), 5/8 wave is the antenna of choice in a vertical. But in the =  
mountains  
of east Tennessee (where I lived for a couple of years), a quarter wave =  
was  
needed, to avoid the effect Skip describes above.

Lesson? Gain is not always good. And you must evaluate the totality of =  
the  
radiated signal in conjunction with your needs to properly match the =  
antenna  
to the application.

Excellent point, Skip!

--

Marty, N5NW

-----=  
-----  
Lakeland (Memphis), Tennessee =  
<http://marty.w.tripod.com/>  
N5NW@midsouth.rr.com

-----  
Date: Sat, 15 Apr 2000 08:54:06 -0500  
From: Marty <N5NW@midsouth.rr.com>  
To: qrp-1@lehigh.edu  
Subject: [67936] Re: Kent Keys web page  
Message-ID: <60tgfs0amjqh5tluauskmdmsf2b8tnc94o@4ax.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

On Sat, 15 Apr 2000 00:14:06 -0400, "Marty Zeigler" =  
<mzframes@midcoast.com>  
wrote:

>Hi all, Does anyone know if the Kent keys folks have a web page? I'm in =  
the

>market for a heavy/massive key and want to give them a look.  
>Thanks,  
>73,  
>Marty N1PGP

<http://www.alphadeltacom.com/>

Check about to the bottom of the left column, you'll see Kent keys. =  
Click on  
that, and your're home!

--  
Marty, N5NW

-----=  
-----  
Lakeland (Memphis), Tennessee =  
<http://marty.w.tripod.com/>  
N5NW@midsouth.rr.com

-----  
Date: Sat, 15 Apr 2000 09:55:01 -0400  
From: "Richard Clemens" <clemens@wvwc.edu>  
To: <wd3p@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [67937] Re: AT Alert - WV - The Rains Move In - Not - 30 meter QRP OTA  
Message-ID: <001501bfa6e2\$3c5e5ca0\$e08db03f@wvwc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

On High Mountain just north of Spruce Knob and all is dry. Running 30 meter  
QRP and can operate other bands as well. Check for me at 10.108 - 10.110

--  
Rich Clemens, KB8A0B  
clemens@wvwc.edu

----- Original Message -----  
From: <wd3p@juno.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Saturday, April 15, 2000 7:43 AM  
Subject: AT Alert - WV - The Rains Move In - Trip Canceled

> Hi Gang  
>

> Well the rains have moved in here, and from the radar web sites it looks  
> likes the mountains are getting it as well in VA and it will be moving  
> into the WV, MD, and PA mountains soon so sadly I've got to postpone the  
> trip once again.  
>  
> 73 de Larry.....WD3P in MD  
> -----  
> YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
> Juno now offers FREE Internet Access!  
> Try it today - there's no risk! For your FREE software, visit:  
> <http://dl.www.juno.com/get/tagj>.

-----  
Date: Sat, 15 Apr 2000 10:05:34 EDT  
From: KR0Y@aol.com  
To: qrp-l@lehigh.edu  
Subject: [67938] Re: DSW-40 Volume  
Message-ID: <3e.28043f0.2629d12e@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

In a message dated 4/14/00 5:18:41 PM Pacific Daylight Time,  
dandooley@pipeline.com writes:

<< I have a DSW-40. I find that I can hear signals/noise pretty much to the  
bottom of the control. Strong signals can actually be read at minimum  
volume. Other times, band conditions will be somewhat quite and I do have  
to turn the volume up more. Rarely much more than half way though.

Also, wonder how supply voltage affects audio? >>

Keep in mind, too, that the 'volume control' on the DSW series isn't really a  
'volume control' at all, but is an 'RF level control'. So, the 'range' that  
the control will have, varies with the strength of the signals at the antenna  
input. So, if you hook the rig to an antenna, and you hear a signal at a  
given 'volume', and then you switch to an antenna that works 'better'  
(resulting in a stronger signal on the antenna input to the receiver), the  
resulting volume, at the same 'control position', is going to be higher.  
Also remember, the DSW does not have an AGC circuit.

John Rayfield, Jr. - KR0Y  
Springfield, Missouri

-----

Date: Sat, 15 Apr 2000 10:12:28 -0400  
From: "Denis Sharon W1AOK" <W1AOK@worldnet.att.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [67939] QRP tuner  
Message-ID: <008901bfa6e4\$fb061f60\$eed24f0c@main>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="x-user-defined"  
Content-Transfer-Encoding: 7bit

Hi,

I'm new to QRP but I can tell already that it's going to be a real hoot.

I'm soliciting suggestions for an antenna tuner. I've seen a 'ZM-2' mentioned several times. What is it? Would anyone care to offer suggestions regarding choice of tuners?

Thanks,

Denis Sharon W1AOK  
Ridgefield, CT

-----  
Date: Sat, 15 Apr 2000 07:17:26 -0700 (PDT)  
From: wa4dou@excite.com  
To: qrp-l@lehigh.edu  
Subject: [67940] Results: QRP ARCI Sp. QSO Party  
Message-ID: <8456733.955808247157.JavaMail.imal@chilly.excite.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Gang,

Conditions were stinko on 15 and 10 meters. Very few contacts. Lots of noise. No antenna at the moment on 40 meters, so i tried that band with my "tribander." My power output was 4 watts on each band.

Results:

10 Meters: 59 points x 9 SPC's x 7 = 3717 points.

15 meters: 87 points x 11 SPC's x 7 = 6699 points.

20 meters: 523 points x 50 SPC's x 7 = 183,050 points  
40 meters: 61 points x 11 SPC's x 7 = 4697 points.

Didn't even break 200,000 so i think i'll enter as 20 meter entry only.  
Thanks to all for qso's.  
73 Roy Lincoln WA4DOU

-----

-----  
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-----  
Date: Sat, 15 Apr 2000 07:26:38 -0700 (PDT)  
From: wa4dou@excite.com  
To: qrp-1@lehigh.edu  
Subject: [67941] Need inst. sheet /Norcal Paddles  
Message-ID: <21722551.955808798948.JavaMail.imal@chilly.excite.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Guys,

I sold my extra Norcal paddle kit and ,for the life of me, can't find an instruction sheet to send along. Could someone photocopy theirs for me? I'd appreciate it and be very willing to reimburse your costs!

Tnx es 73 de Roy Lincoln WA4DOU  
3033 Bend of The River Road  
Elm City, N.C. 27822

-----

-----  
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Visit <http://freelane.excite.com/freeisp>

-----

Date: Sat, 15 Apr 2000 10:28:00 -0400 (EDT)  
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>  
To: QRP-L List <qrp-l@lehigh.edu>, gqrp@onelist.com, towertalk@contesting.com, antennas@qth.net, antennaware@contesting.com  
Subject: [67942] Something simpler at the site  
Message-ID: <Pine.GSO.4.10.10004151024000.22488-100000@moe.cas.utk.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Because the item has now appeared in the Top Band Anthology, Vol. 2, I have posted something smaller than a 1250' LPDA--this time an "ideal" back-up antenna for 80-20 meters--just an 88' hunk of wire with interesting properties. It is in the lower HF section of the index.

Just because an antenna seems simple does not mean that we know all about it or its potential to serve us.

Hope the item is useful to someone.

-73-

LB, W4RNL

|                      |    |    |   |      |   |     |                                                         |
|----------------------|----|----|---|------|---|-----|---------------------------------------------------------|
| L. B. Cebik, W4RNL   | /\ | /\ | * | /    | / | /   | Tel: (865) 938-6335                                     |
| 1434 High Mesa Drive | /  | \  | \ | ---- | \ | --- | <a href="http://www.cebik.com">http://www.cebik.com</a> |
| Knoxville, Tennessee | /\ | \  | \ | /    | / |     | e-mail: cebik@utk.edu                                   |
| 37938-4443 USA       | /  | \  | \ |      |   |     | e-mail: w4rnl@arrl.org                                  |

-----  
Date: Sat, 15 Apr 2000 09:48:31 -0500  
From: "M. Pender" <steam@megsinet.net>  
To: <rohn@pubrats.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [67943] Re: Gotta tell...  
Message-ID: <003c01bfa6e9\$aafb3080\$50d1d6d8@megsinet.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Congrats Rohn.

You just passed the toughest of them all!!! Don't stop now....

<>>< ><<> ><<> <>>< ><<> <>>< ><<> <>>< <>>< ><<> ><

Mike Pender Chicago N9IV0  
steam@corecomm.net http://www.megsinet.com/~steam =20  
><<> <>>< <>>< ><<> <>>< ><<> ><<> <>>< ><<> ><<> <>

-----  
Date: Sat, 15 Apr 2000 10:21:06 -0500  
From: Michael Melland <badger@vbe.com>  
To: W1AOK@worldnet.att.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [67944] Re: QRP tuner  
Message-ID: <38F888E2.AD1C8971@vbe.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Denis Sharon W1AOK wrote:

> Hi,  
>  
> I'm new to QRP but I can tell already that it's going to be a  
> real hoot.  
>  
> I'm soliciting suggestions for an antenna tuner. I've seen a  
> 'ZM-2' mentioned several times. What is it? Would anyone care  
> to offer suggestions regarding choice of tuners?

Denis,

Disclaimer: Just my personal opinion.....

I own both an Emtech ZM-2 and a LDG QRP auto tuner. Both of these are excellent+ tuners..... one manual and the other automatic. I would build the ZM-2 first.... it's cheaper, small, IMHO easier to build, has an lowest swr tuning light and works as well or better than any manual tuner I've owned for qrp. As for me, I recently built the LDG QRP tuner and love it. It is now my main tuner for my qrp operation. But..... If I were on the trail with a transceiver and small battery pack with no way to recharge my batteries the ZM-2 would be my choice..... unless you build the new LDG Z-11 qrp tuner that uses latching relays that consume no power <grin> once tuned and powered down. I'm a big fan of both of these kits..... choose either and you can't loose. Web page address below for both:

<http://www.ldgelectronics.com/>  
Z-11)

(LDG QRP or LDG

<http://emtech.steadynet.com/index.html>

(ZM-2)



73

--

Michael Melland, W9WIS  
Winneconne, Wisconsin, USA  
FISTS #4387, 10-10 #69281, QRP-L #1656,  
QRP-ARCI #9875, AK/QRP #478, NorCal,  
NJ-QRP #214, SOC #142, Cheeseheads QRP Club  
CW, SSB, and Electronics  
List Administrator: grundig@qth.net  
<http://www.qsl.net/w9wis>

-----  
Date: Sat, 15 Apr 2000 08:33:50 -0700  
From: "K7FD-N7SG" <cqdx@teleport.com>  
To: <kc8aon@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [67945] Re: Sincerest apologies !  
Message-ID: <001501bfa6f0\$00f9c0\$6a231ad8@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

From: Rick McKee <kc8aon@juno.com>

>OK - OK, The remark about half the VE's not being able to send code was a  
>cheap shot and uncalled for - I'M DEEPLY SORRY !

Why be sorry? I've personally witnessed a complete VE team without code  
skills above 5wpm. In fact, I've been called in on 'special' assignment just  
handle code testing for the disabled. In one case where a gentleman sent at  
5wpm to prove his abilities...no one on the 'extra class' VE team could copy  
it at all!

73 John K7FD

-----  
Date: Sat, 15 Apr 2000 09:41:05 -0700  
From: Roger J Wendell <zeekzilch@juno.com>  
To: qrp-1@Lehigh.EDU  
Subject: [67946] Linda is Typical  
Message-ID: <20000415.094109.-290009.5.zeekzilch@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Linda,

Your desire to eliminate amateur radio licensing requirements is typical of most Hams today. What you don't understand is that the licenses have been given away for almost two decades anyway - the free-for-all has been in effect for a long time now...

Roger J. Wendell  
WBOJNR  
<http://www.rogerwendell.com>

-  
--  
---

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Sat, 15 Apr 2000 10:00:03 -0600  
From: Ray Colbert <af852@rgfn.epcc.edu>  
To: qrp-1@lehigh.edu  
Subject: [67947] Re: Ancient Telegraph Code  
Message-ID: <38F89203.586C08E@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Not too surprising about Jim Haynie - He is about as anti-average amateur as any person could be - and quite possibly the worst person to be put in as ARRL President! If it has to do with anything other than digi or ssb don't bother him with even trying to communicate any type problem

for resolution. If it gets his name/picture in the press,  
that seems to be all he is concerned about.

--

"The more I see of the representatives of the people,the more I  
admire my dogs." letter from Count d'Orsay to John Foster 1850  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78  
MI-QRP 379QRP-ARCI 5784 N

-----

Date: Sat, 15 Apr 2000 10:12:27 -0600  
From: Ray Colbert <af852@rgfn.epcc.edu>  
To: qrp-1@lehigh.edu  
Subject: [67948] Re: Results: QRP ARCI Sp. QSO Party  
Message-ID: <38F894EB.45CB9E99@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Did not do anything with the Spring party - was then and  
still working on the BC342 receiver - lost its voice.  
However, I am still waiting to see what the results were  
for the Fall ARCI QSO Party. Nothing on the web page,  
that I could find, never saw a posting to the list, and  
still no QQ and I was hoping to see something prior to the  
Spring test before deciding if I wanted to engage again.  
Oh well, next year I guess.

--

"The more I see of the representatives of the people,the more I  
admire my dogs." letter from Count d'Orsay to John Foster 1850  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78  
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso,(FAR WEST) TEXAS

-----

Date: Sat, 15 Apr 2000 15:27:34 +0100  
From: wd3p@juno.com  
To: clemens@wvwc.edu, epaqrp-1@Lehigh.EDU, qrp-1@Lehigh.EDU  
Subject: [67949] Re: AT Alert - WV - The Rains Move In - Not - 30 meter QRP OTA  
Message-ID: <20000415.152736.-3688507.1.wd3p@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Rich

This is one of those east coast storms. It is coming right up the coast  
bringing the moisture in from the ocean. It only makes it as far west as

the first couple of mountain ridges. In VA and WV the AT is on the first ridge, in MD it is on the second ridge. So they are getting rain and drizzle while further west it is mostly dry. Spruce Knob is about 80 miles west of the AT so no rain there. You might get some later but for now it looks like it's too far east for you.

73 de Larry.....WD3P

On Sat, 15 Apr 2000 09:55:01 -0400 "Richard Clemens" <clemens@wvwc.edu> writes:

> On High Mountain just north of Spruce Knob and all is dry. Running  
> 30 meter  
> QRP and can operate other bands as well. Check for me at 10.108 -  
> 10.110

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Sat, 15 Apr 2000 11:33:08 -0500

From: Lew Paceley <lew@paceley.com>

To: nateb@ecentral.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [67950] Re: Morse Code

Message-ID: <006001bfa6f8\$4aa830e0\$0332a8c0@roland.swbell.net>

MIME-version: 1.0

Content-type: text/plain; charset="iso-8859-1"

Content-transfer-encoding: 7bit

Hi Nate,

Thanks for the link. I've included the direct link to the bibliography pages (<http://www.uwec.edu/academic/hss%2Dor/morse2000/bibliography.html>) which are just chock full of Morse code references both old and new. A very nice list that just joined my collection of bookmarks.

I'll note also that <http://www.amazon.com> has the book in stock for \$9.60 plus shipping. Just type "victorian internet" in the search field and you'll find it. Looks like a fun, interesting read. Dang that 1 click ordering - it'll bankrupt me ;-).

Thanks again & 73,

\*Lew\*

K5LEM

----- Original Message -----

From: Nate Bushnell <nateb@ecentral.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Friday, April 14, 2000 10:14 PM  
Subject: Morse Code

> The book "The Victorian Internet " is an excellent and interesting  
> story of signal fires, semaphores and the Electric Telegraph of Sam'l.  
> Morse. The telegraph grew faster than the Internet and was more  
widespread  
> for over a century. The Internet evolved from the telegraph. Many  
protocols  
> are still in use.  
> Morse code is binary and compatible. See Morse 2000 Outreach at website  
> <www.uwec.edu> on use of Morse to communicate with folks who have  
> disabilities. They find Morse is easy and quickly learned. Enjoy.  
> 73           Nate  
>  
>

-----  
Date: Sat, 15 Apr 2000 12:39:42 -0400  
From: "Randy Joiner" <biggman@accucomm.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [67951] Re: Screen saver available  
Message-ID: <003101bfa6f9\$340259a0\$7f859bce@accucomm.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hey Ron.....you be right ole boy. I just downloaded and installed it  
myself, and..... I like I like I like. Makes me want one even more!!! Now  
the question be.....who am I going to sell?

Randy N4SX

-----  
Date: Sat, 15 Apr 2000 07:38:55 EDT  
From: Rick McKee <kc8aon@juno.com>  
To: qrp-1@Lehigh.EDU  
Subject: [67952] PLEASE READ AND THINK ABOUT IT.  
Message-ID: <20000415.124618.4399.1.kc8aon@juno.com>

From: kc8aon  
Full-Name: Richard S McKee  
Subject: Restructuring and the Right Attitude  
X-Status: New

=====  
RESTRUCTURING AND THE RIGHT

ATTITUDE===== I have recently noticed a flurry of comments about the upcoming license restructuring that we all are facing, some of them good, and some bad. I don't know if I agree with it 100% myself, but I think it holds a lot of promise for Amateur Radio. Amateur Radio for the most part has been declining in numbers in the past few years, and as the old saying goes "If you don't use it - you loose it ". We have already lost some frequencies, do we dare let them take more ? I would hope not, but if we keep declining then they certainly will put them to better use ! "Better" you say, yes - better for them ! We are privileged to be able to use millions of dollars worth precious frequencies almost without any cost whatsoever to us ! The only thing that it actually costs us is a small amount of time put in by volunteers during emergencies and disasters, and the number of volunteers are very small ! So a few good folks carry the entire cost for the entire Amateur community. Lets all take some time to think about what restructuring can do for us and put aside the bad thoughts. There are plenty of good people out there that could help in time of need to this great country we live in, and we need good communicators that are willing to do so. Since they are finally easing the burden to get an Amateur License, lets all strive to encourage and help newcomers into the hobby. Don't worry that someone got their license by easier means than you did, just encourage them to learn more as they go along after they obtain that license. Amateur Radio is like a fine jewel with many facets, there is something for everyone and everyone deserves to at least give it a try if they so desire. Remember, we have privilege to the frequencies that we use, not rights. If they are abused, then they could be put on auction for the highest bidder to take. We may be amateurs, but we can at least look and act like professionals !Please pass this message along to all your Amateur friends and help spread the word, and with that, I say "Thank You"Best 73de: KC8AONRick McKeeSkywarn Liaison OfficerLawrence County Ohio ARES / RACES

-----  
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<http://dl.www.juno.com/get/tagj>.

-----

Date: Sat, 15 Apr 2000 13:36:05 -0400  
From: "Richard Clemens" <clemens@wvwc.edu>  
To: <wd3p@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [67953] Re: AT Alert - WV - The Rains Move In - Not - 30 meter QRP OTA  
Message-ID: <001a01bfa701\$4b0e56a0\$aa8db03f@wvwc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I can see into VA and no rain in sight or at this site. Lots of low flying fog but that is normal. Just cooked out on the deck for lunch and now back to the rig. If anything it is getting clearer.

--

Rich Clemens, KB8A0B  
clemens@wvwc.edu

----- Original Message -----

From: <wd3p@juno.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Saturday, April 15, 2000 10:27 AM  
Subject: Re: AT Alert - WV - The Rains Move In - Not - 30 meter QRP OTA

> Rich

>

> This is one of those east coast storms. It is coming right up the coast  
> bringing the moisture in from the ocean. It only makes it as far west as  
> the first couple of mountain ridges. In VA and WV the AT is on the first  
> ridge, in MD it is on the second ridge. So they are getting rain and  
> drizzle while further west it is mostly dry. Spruce Knob is about 80  
> miles west of the AT so no rain there. You might get some later but for  
> now it looks like it's too far east for you.

>

> 73 de Larry.....WD3P

>

> On Sat, 15 Apr 2000 09:55:01 -0400 "Richard Clemens" <clemens@wvwc.edu>  
> writes:

> > On High Mountain just north of Spruce Knob and all is dry. Running  
> > 30 meter  
> > QRP and can operate other bands as well. Check for me at 10.108 -  
> > 10.110

>

>

> -----  
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> Try it today - there's no risk! For your FREE software, visit:

> <http://dl.www.juno.com/get/tagj>.

-----  
Date: Sat, 15 Apr 2000 13:39:29 -0400  
From: "Fred DeVries" <fred.devries@mindspring.com>  
To: <kc8aon@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [67954] Re: PLEASE READ AND THINK ABOUT IT.  
Message-ID: <000401bfa701\$8e7680c0\$84e28ad1@fred>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Say "Amen, somebody"

73,

Fred DeVries KC8MMS

----- Original Message -----

From: Rick McKee <kc8aon@juno.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Saturday, April 15, 2000 7:38 AM  
Subject: PLEASE READ AND THINK ABOUT IT.

> From: kc8aon  
> Full-Name: Richard S McKee  
> Subject: Restructuring and the Right Attitude  
> X-Status: New  
>

> =====

> RESTRUCTURING AND THE RIGHT

> ATTITUDE===== I have

> recently noticed a flurry of comments about the upcoming license  
> restructuring that we all are facing, some of them good, and some bad.  
> I don't know if I agree with it 100% myself, but I think it holds a lot  
> of promise for Amateur Radio. Amateur Radio for the most part has been  
> declining in numbers in the past few years, and as the old saying goes  
> "If you don't use it - you loose it ". We have already lost some  
> frequencies, do we dare let them take more ? I would hope not, but if we  
> keep declining then they certainly will put them to better use !  
> "Better" you say, yes - better for them ! We are privileged to be able  
> to use millions of dollars worth precious frequencies almost without any  
> cost whatsoever to us ! The only thing that it actually costs us is a  
> small amount of time put in by volunteers during emergencies and  
> disasters, and the number of volunteers are very small ! So a few good  
> folks carry the entire cost for the entire Amateur community. Lets all  
> take some time to think about what restructuring can do for us and put



> aside the bad thoughts. There are plenty of good people out there that  
> could help in time of need to this great country we live in, and we need  
> good communicators that are willing to do so. Since they are finally  
> easing the burden to get an Amateur License, lets all strive to encourage  
> and help newcomers into the hobby. Don't worry that someone got their  
> license by easier means than you did, just encourage them to learn more  
> as they go along after they obtain that license. Amateur Radio is like a  
> fine jewel with many facets, there is something for everyone and everyone  
> deserves to at least give it a try if they so desire. Remember, we have  
> privilege to the frequencies that we use, not rights. If they are  
> abused, then they could be put on auction for the highest bidder to take.  
> We may be amateurs, but we can at least look and act like professionals  
> !Please pass this message along to all your Amateur friends and help  
> spread the word, and with that, I say "Thank You"Best 73de: KC8AONRick  
> McKeeSkywarn Liaison OfficerLawrence County Ohio ARES / RACES  
>  
>  
> -----  
> YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
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> <http://dl.www.juno.com/get/tagj>.

-----  
Date: Sat, 15 Apr 2000 14:20:49 -0400  
From: "Dieter \((Diz\) Gentzow WB8QYY" <wb8qyy@cinci.rr.com>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [67955] INFO: old callbook data  
Message-ID: <003e01bfa707\$53741770\$1461a518@cinci.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Does anybody on the list have a callbook from the 50's?  
or is there a website with old call data?  
I'm interested who had the call W8DIZ

TNX

73 & "oo's" - Dieter (DIZ) Gentzow - WB8QYY - Loveland, Ohio  
Clermont County - EM79ug - near Cincinnati; 39.218N - 84.305W  
FPqrp-1 SOC-8 DLQRPAG-1454 ARCI-10226 QRPL-1998 10X-9389 CATT-26 K2-493  
<http://home.cinci.rr.com/wb8qyy> [AOL-IM "wb8qyy"]

-----  
Date: Sat, 15 Apr 2000 14:40:18 -0400  
From: "Randy Joiner" <biggman@accucomm.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [67956] Re: Gotta tell...  
Message-ID: <003501bfa70a\$0ccc7260\$7f859bce@accucomm.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Yeah! That is great.....and keep it up. The rewards ARE worth the effort.

Randy N4SX

-----  
Date: Sat, 15 Apr 2000 14:51:53 -0400  
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>  
To: NoVa QRP group <NoVaQRP@topica.com>, NJ QRP Club <njqrp@njqrp.org>, QRP-L  
<qrp-l@lehigh.edu>  
Subject: [67957] Just worked 4X1MK for Y2K DXCC/QRP  
Message-ID: <38F8BA48.12C1A270@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Finally got the last one.

Worked 4X1MK on 28.017.4 at 1817Z on 15Apr00 for my 100 DXCC countries  
since Jan 1, 2000. Rig here is a Yaesu FT-757 running about 4 watts to  
a 10/15/20m wire fan dipole stapled to the rafters of my attic.

Guess I can get back to homebrewing now.

72,

Jake -- N4UY/QRP  
Vienna, VA  
(Washington DC suburbs)

-----  
Date: Sat, 15 Apr 2000 13:11:38 -0500  
From: Mike <mmorrow@companet.net>

To: w2xn@juno.com  
Cc: qrp-1@lehigh.edu  
Subject: [67958] Re: DSW-40  
Message-ID: <38F8B0DA.1C11@companet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

w2xn@juno.com wrote:

> This is a question for other DSW rig owners. Is it normal for the  
> volume to be all in the upper 3/4 of the turning radius of the  
> volume control?

I've not noticed this effect to any extreme on my DSW-20 or -40, which have 1K potentiometers for the gain control. My just received and as yet un-built DSW-30 has a 5K potentiometer. The effect you describe may be more apparent if the unit you tried is using the 5K pot.

Great little rigs, these DSWs! I just wish ALL the "generic" components were pre-assembled surface mount, like the new MFJ Cub, in order to speed up construction time (about eight hours for the DSW vs. about two for the Cub). And perhaps the better ground plane of a surface-mount printed circuit board would allow a DSW design for 18.1 or 21 MHz. I also wish the kit included a small T0-5 heat sink like the one on the Cub. The final transistor does get pretty warm.

Mike / KK5F

-----  
Date: Sat, 15 Apr 2000 14:33:45 -0500  
From: "Hal Schlotfeld" <kc0bdw@worldspy.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [67959] License  
Message-ID: <006901bfa711\$85246220\$b8996520@kc0bdw>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Well I just got back a little while ago from a VE session and tailgate swapmeet and just upgraded to General. There had to have been 60 or more people there just to upgrade. They had 5 people take tests. If I had known that I would have stood in line for 2 and 1/2 hours I would have spent more time at the swapmeet.

KC0BDW / AG or N(ew)G(eneral)

Hal

Bellevue, NE

-----  
Date: Sat, 15 Apr 2000 14:47:54 -0500  
From: "Randall" <Firefox@Southwind.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [67960] Re: Towers and the NTA  
Message-ID: <002a01bfa713\$7e5b67c0\$a15986d1@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

And lets not forget automatic towers or towers with a high wind capacity  
either.....

----- Original Message -----  
From: Tom Kramer <tkramer@machlink.com>  
To: <VHF@w6yx.stanford.edu>  
Sent: Saturday, April 15, 2000 8:17 AM  
Subject: Towers and the NTA

> Hey, as a member of the NTA I am tired of all this tower owner bashing.  
>  
> Let's have none of this business of enforcing a waiting period before  
> buying a tower, lets's nip any attempts at imposing safety locks on  
> towers , and I want  
> no limits on the number of towers I can own either!  
>  
> Towers don't kill people-people kill people.  
>  
> Tom, K0VSV  
>  
> -----  
> Submissions:                    vhf@w6yx.stanford.edu  
> Subscription/removal requests:  vhf-request@w6yx.stanford.edu  
> Human list administrator:      vhf-approval@w6yx.stanford.edu  
>

Date: Sat, 15 Apr 2000 14:57:25 -0500 (CDT)  
From: ac5ez@webtv.net (K1zw)  
To: qrp-l@lehigh.edu  
Subject: [67961] Re: PLEASE READ AND THINK ABOUT IT.  
Message-ID: <22904-38F8C9A5-5527@storefull-114.iap.bryant.webtv.net>  
Content-Disposition: Inline  
Content-Type: Text/Plain; Charset=US-ASCII  
Content-Transfer-Encoding: 7Bit  
MIME-Version: 1.0 (WebTV)

Richard

If you read Cq magazine they had an editorial a couple of months back that said the two biggest myths in ham radio were the declining numbers and lose of frequencies. It just aint so. True we lost a sliver of 220 but on the other hand we have picked up 30m, 17, and 12m . How is this losing frequencies? In fact we stand to pick up more hf as everything goes to uhf and higher in the commercial arena. There more hams today than ever so how is that a decline in numbers ? Please- no more myths .

-----  
Date: Sat, 15 Apr 2000 13:11:35 -0700  
From: Ed Loranger <we6w@qsl.net>  
To: Low Power Amateru Radio Discussion <qrp-l@lehigh.edu>  
Subject: [67962] Re:NTA  
Message-ID: <38F8CCF6.B9AC9AD@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I'm concerned. I have some stealth, portable and possibly concealed whips? Will these have imposed safety locks, limits, and waiting periods, or are they in the list of banned, tower-like objects?

--  
72/Ed we6w; A-1 OP; SOC#63; QRPL#1068  
<http://www.qsl.net/we6w> Santa Rosa, CA  
My 2 pennies worth is just common cents.

-----  
Date: Sat, 15 Apr 2000 15:40:29 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: qrp-L@lehigh.edu

Subject: [67963] Power measurement discrepancy  
Message-ID: <200004152019.QAA18951@wolf.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

I deleted the original message about the scope vs WM-1 and DSW, but been thinking about it.

If the scope is correct, the WM-1 should read 1.2 watts. If the WM-1 is right, the scope should read 26 v p-p. Either way, that's a 30% difference and pretty significant. So, is the scope out of wack or is it the power meter?

I'd tack a simple diode rectifier/ filter to the antenna terminal and measure the voltage with a DVM. It probably woun't agree with either the scope or the watt meter, but will give you a good idea which one is giving the better measurement. Remember the diode gives a peak voltage reading, so multiply by .707 to get rms.

72,  
Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----  
Date: Sat, 15 Apr 2000 12:38:49 +0100  
From: CHARLES K BROWN <n4so@juno.com>  
To: qrp-1@Lehigh.edu  
Subject: [67964] Milliwatt Contest  
Message-ID: <20000415.141913.8662.0.N4S0@juno.com>

Milliwatters -

I will be on 20 meters again looking for Milliwatt contacts before the official start time of 0000Z. The Saturday start time of 0000Z is too late here for best propagation on 20 meters and the Sunday start time of 0200Z is way too late for anything on 20 meters and for USA contacts.

Ken Brown N4S0  
Mobile, AL EM50tk  
NorCal-20 at 5 watts  
4 ele. yagi

-----

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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Sat, 15 Apr 2000 13:21:27 PDT  
From: "Doug Hendricks" <ki6ds@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [67965] SMK-1: Kitting report, up to the minute info  
Message-ID: <20000415202128.911.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Guys, we have Bill Jones, KD7S, James Bennett, KA5DVS, Kathy Bennett, NONE, Paul Maciel, AK1P, Mike Camp, KI7FQ and myself, Doug Hendricks, KI6DS furiously kitting SMK-1's right now. We just got a phone call from Dave Fifield, AD6A, and he is on the way with the boards!! The boards, the real things are on the way. That is the last thing that we were waiting for to complete the kits, so we will be able to start shipping at the end of next week. (Dave has to do the manual, Jim has to get it printed, and I have to get the kits to Sacramento for Jim to mail.)

Bill Jones said to remind everyone that this is the 40 meter practice kit for surface mount construction, and is not the full featured surface mount kit for 10 meters that we will introduce later this summer. Full details on the SMK-1 are at [www.redhotradio.com](http://www.redhotradio.com) under the SMK-1 button. And yes, we are still accepting orders for this kit at \$30 for the kit and \$4 S&H US and Canada, \$6 Europe, and \$8 Pacific Rim. Full ordering details are on the Red Hot Radio Page.

72, Doug, KI6DS

-----  
Get Your Private, Free Email at <http://www.hotmail.com>

-----  
Date: Sat, 15 Apr 2000 21:18:13 +0100  
From: wb2vuo@juno.com  
To: qrp-l@lehigh.edu  
Subject: [67966] Missing Posts or Cross-posting?  
Message-ID: <20000415.211814.-158349.1.wb2vuo@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

OK, so I have been gone a week, but...

I see replies to "Linda" about license restructuring, and no original message to match.

I see replies about "NTA" and knee-jerk reactions to the same that look like they belong on the NRA-satire sirte (if one exists)

I see replies about VE teams that can't compy 5 WPM and no earlier post concerning examinations.

So what have I missed, and should I miss any sleep over it?

OBQRP - Calling on 28.065 Mhz from the club (NQ2RP) right now (2117Z), and he beacon is still down.

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp  
VP & FD'00 Chairman, Brockport Amateur Radio Klub & SOC # 119  
My night light runs more power than my Rig!!!  
Replies off-list to: wb2vuo@arrl.net

-----  
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Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

-----  
Date: Sat, 15 Apr 2000 17:17:11 -0400

From: "George Heron N2APB" <n2apb@erols.com>

To: "NJQRP" <NJQRP@njqrp.org>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>, <ki6ds@hotmail.com>

Subject: [67967] SMK-1 Enclosure Kitting report: Countdown to ship!

Message-ID: <008701bfa71f\$fd8d8bc0\$9a5daccf@ire.com>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

The timing on the progress report from KI6DS for the NorCal SMK-1 transceivers couldn't be better ... the mating ENCLOSURE KITS are also just about ready for shipping too!

Here at NJQRP-central, Vince WA2ECP is delivering 50 more sets of double-sided copper-clad parts to Joe Everhart, N2CX tomorrow at 8:30am. N2CX has assembled a drilling team of other NJQRP members to put the accurate holes in the front panel, rear panel, base and side pieces. These



are the holes for the SMK control potentiometers and the jacks on the rear panel supplied in the Enclosure Kit. Here at chez-N2APB we're finishing off the manual and starting to fill the individual bags with the hardware (screws, standoffs, jacks) and acetate overlays for use as front & rear panel labels. Labels have already been printed and applied to the envelopes.

We have over 150 orders now for the SMK-1 Enclosure Kits .... there are going to be LOTS of QRPers putting this custom enclosure together in a couple of weeks!

And we too are still accepting order for the Enclosure Kits, \$10, shipped anywhere in the world. Details on the SMK-1 Enclosure kit can be found at the NJQRP website: <http://www.njqrp.org/smk-1/>

Thanks for a very cool project NorCal! What a great way to warm up for bigger and better surface mount technology projects coming our way later this year.

72, George N2APB

> ... so we will be able to start shipping at the end of next week.

-----  
Date: Sat, 15 Apr 2000 17:26:28 EDT  
From: AdamN7YA@aol.com  
To: qrp-1@lehigh.edu  
Subject: [67968] Re: License  
Message-ID: <e3.33523c2.262a3884@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

In a message dated 4/15/2000 12:36:08 PM Pacific Daylight Time, kc0bdw@worldspy.net writes:

<< Well I just got back a little while ago from a VE session and tailgate swapmeet and just upgraded to General. There had to have been 60 or more people there just to upgrade. They had 5 people take tests. If I had known that I would have stood in line for 2 and 1/2 hours I would have spent more time at the swapmeet.  
KC0BDW / AG or N(ew)G(eneral) >>

Congrats Hal!! this also brings something else to mind....if ham radio is dying off, why did Hal have to wait 2 1/2 hours to take a test?? sounds like either all the PR we've been getting lately has been paying off or all the doomsayers are just plain misinformed....maybe a little of both.

Way to go Hal, I'll see you on 20!

72/73/74...Adam, N7YA  
Las Vegas, NV...Zone 03  
QRP-L #1608, SOC #143, Y Guy #2  
Code Warrior #76, Hamusician #1

-----  
Date: Sat, 15 Apr 2000 16:35:00 -0500  
From: "Mark Hogan" <mhogan@email.msn.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [67969] WTB NC Sierra kit  
Message-ID: <010d01bfa722\$758a7c80\$20851a3f@compaq>

After having survived the shorting and repairing of a RH-20 (thanks Dave F.) I am ready for another kit.

I would like to know if anyone has a club Sierra (or commercial) kit that they have not assembled and would like to part with (the idea is a little cheaper than ordering one today...)?

Or if you have a Sierra kit not yet assembled or finished and wish to part with it please let me know. I had fun finishing my 38s that another ham populated...

I really think I would enjoy operating a Sierra, and the multi band operations would allow me more time on the air.

Reply direct please mhogan@msn.com

Thanks  
Mark Hogan / N50BC  
SST-40 -TE-NE-KEY 38s - Speed-X Bug NC-20 - Norcal Paddle  
ARQRP ARCI GQRP NORCAL  
oh yea... SOC 185

-----  
Date: Sat, 15 Apr 2000 22:41:33 +0100

From: Euramcom <mel@euramcom.freeserve.co.uk>  
To: <qrp-1@lehigh.edu>  
Subject: [67970] New e-mailer  
Message-ID: <E12gaNQ-0000Rj-00.2000-04-15-22-45-17@cmailg5.svr.pol.co.uk>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Hi Gangue,

Testing new e-mail program, use the delete button please, apologies for bandwidth  
--72 and 73 de Mel Evans, e-mail mel@euramcom.freeserve.co.uk

Mel Evans GM6JAG Edinburgh Scotland  
Home of the last HW9

Visit <http://www.euramcom.freeserve.co.uk> for  
US Euro Ham Radio Equivalent Parts and info

-----  
Date: Sat, 15 Apr 2000 18:22:52 EDT  
From: Wb8siw@aol.com  
To: ac5ez@webtv.net, qrp-1@lehigh.edu  
Subject: [67971] Re: PLEASE READ AND THINK ABOUT IT.  
Message-ID: <b3.25e2499.262a45bc@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

In a message dated 04/15/2000 3:58:40 PM Eastern Daylight Time,  
ac5ez@webtv.net writes:

<< There more hams today  
than ever so how is that a decline in numbers ? Please- no more myths >>

Hi Richard:

You're absolutely right. As a general rule, the Amateur Radio population has  
been increasing since about 1970. When I was licensed in '72, there were  
about 275,000 radio amateurs. If I recall, the figure today exceeds about  
750 K.

We've also done a respectable job of maintaining both our HF and VHF  
frequencies, primarily due to our outstanding public service record.  
Internationally, many countries that have traditionally discounted Amateur  
Radio are now taking a second look at it's value as a source for emergency

communications. This is in large part due to our decentralized nature, this being of increasing value as dependency on complex telecom infrastructure increases.

While it must also be conceded that the median age is increasing, there may be some social and economic factors serving as the cause for an increasing median age as well.

I don't want to add too much more, since this is a QRP forum, and such a discussion is probably better suited to other venues. However, I also agree that "myths" should not be perpetuated.

73, Jim

-----  
Date: Sat, 15 Apr 2000 18:32:15 -0400  
From: Joe Everhart <n2cx@voicenet.com>  
To: qrp-l@Lehigh.EDU  
Subject: [67972] PSK31 announcement coming soon & WTB/T  
Message-ID: <200004152232.SAA103134@nss4.cc.lehigh.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Subject:  
Cc: njqrp@njqrp.org  
X-Orcpt: rfc822;qrp-l@listserv.cc.lehigh.edu

Group(s),

Stay tuned in the next couple of weeks for an announcement of import to both those already active on psk31 and those homebrewers (like myself) who want to be.

I can't say more at the moment, but those who attended Atlanticon last month have some idea of what's in the offing....

Now then, while I have your attention, I need something to help get me rolling.

I need a used laptop to help me get ready and to use for portable PSK31 demos.

I need one with the following minimum specs:

Pentium 133  
16/24 meg memory

1.2 G hard drive  
PS-2 port  
1 serial port  
1 PCMCIA port  
floppy disk  
sound card  
decent sized screen (no Portage)

So if you have upgraded to a newer/better laptop perhaps you would be interested in helping out.

I can offer the following in partial trade:

1 - C-21 in good condx with xtal calibrator  
1- NC-40 in good condx  
1 - 486 laptop (specs avail for the asking)  
\$\$ to make up the remainder

PSK31 details soon and respond privately if you want to deal on the laptop.

72/73,

Joe E., N2CX

-----  
Date: Sat, 15 Apr 2000 17:43:06 -0500  
From: "James Johnson" <kc5j pz@eudoramail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [67973] Re: PLEASE READ AND THINK ABOUT IT.  
Message-ID: <DFPDEPMFLIBMDAAA@shared1-mail.whowhere.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Language: en  
Content-Transfer-Encoding: 7bit

On Sat, 15 Apr 2000 14:57:25 K1zw wrote:

>Richard

>If you read Cq magazine they had an editorial a couple of months back  
>that said the two biggest myths in ham radio were the declining numbers  
>and lose of frequencies. It just aint so. True we lost a sliver of 220  
>but on the other hand we have picked up 30m, 17, and 12m . How is this  
>losing frequencies? In fact we stand to pick up more hf as everything  
>goes to uhf and higher in the commercial arena. There more hams today

>than ever so how is that a decline in numbers ? Please- no more myths .

>

Two MegaHertz is not a "sliver". We gained the slivers known as 30M, 17M, and 12M before we lost the 220 to 222 MHz so it is no consolation.

James

KC5JPZ

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Date: Sat, 15 Apr 2000 18:48:43 -0400  
From: "Ken Simpson" <W8EK@fdt.net>  
To: "QRP List" <qrp-l@lehigh.edu>  
Subject: [67974] Ham books FS  
Message-ID: <00fb01bfa72c\$c13f1640\$9a05fea9@kensimps>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have cleaned out some more, and found some ARRL and other ham radio related publications that I am not using. Maybe someone else will be able to use them. Many make good reference material, but there is only so much one person can keep!

All are in good shape, some almost like new.

1980 ARRL Handbook - \$ 10

1985 ARRL Handbook - \$ 10

1976 ARRL Electronics Data Book - first edition - \$ 10

1977 Solid State Design for the Radio Amateur -  
First Edition - \$ 10

1977 Understanding Amateur Radio - Third Edition - \$ 8

1984 AX.25 Amateur Packet Radio - Ver 2.0 - \$ 7

1990 Satellite Experimenter's Handbook - Second  
Edition - \$ 14

Weather Satellite Handbook by Ralph Taggart, WB8DQT  
Fourth Edition - \$ 10

1977 Getting to know Oscar - First Edition - Like  
new condition - \$ 8

1988 ARRL Operating Manual - Third Edition - Thick! \$ 12  
1976 ARRL Ham Radio Operating Guide - first edition - \$ 8  
1972 Radio Amateur's Operating Manual - 3rd edition - \$ 5

The ARRL Training Program - Official Novice Student Workbook  
No date or edition listed, but appears about 1985 \$ 3

Public Service Communication manual  
no year listed - prior to 1970 for sure - appears to be  
first edition \$ 3  
1985 9th edition \$ 1

Ameco Radio Theory Course (Grey Book) \$ 5

Although not directly radio related, someone might be interested

Handbook for Patrol Leaders (Boy Scouts) - 1950 copyright -  
1959 printing \$18

1986 American Red Cross "Expect the Unexpected" \$ 2

Prices do not included shipping from Florida.

Thanks.

73,  
Ken, W8EK

Ken Simpson  
E-Mail to W8EK@fdt.net or W8EK@juno.com  
Voice Phone (352) 732-8400

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End of QRP-L Digest 1792

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